

Space and Adjacency Detail

Shared Administrative Areas

Room Data Sheet

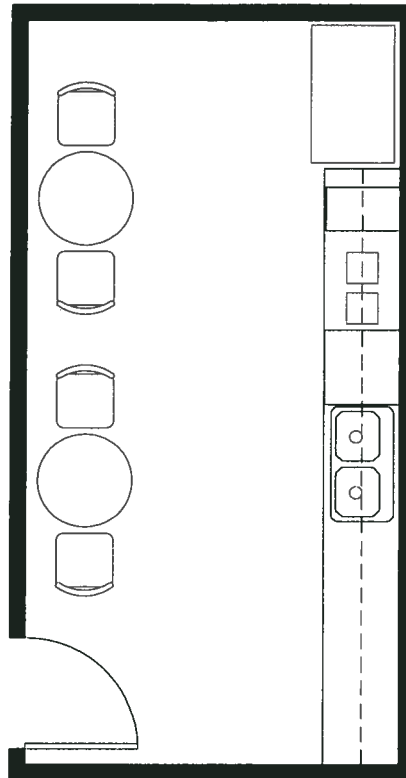
Division: Shared Administrative Areas

Space Name: Dive Locker Room

<u>Requirement</u>	<u>Building Standard *</u>	<u>Other Than Building Standard</u>	<u>Tenant Improvement</u>	<u>Building Shell</u>
Architectural				
Floor Finish	VCT in locker area	Tile in shower area	X	
Ceiling Finish	Acoustical Tile	Tile in shower area		X
Wall Finish	Painted GWB	Tile in shower area	X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	Blinds		X	
Security				
Security	X		X	X
Electrical				
Electrical Power	X		X	
Electrical Outlets	N/A			
Data/IT	N/A		X	
Communications	N/A			
Lighting FC	X			X
Lighting Controls	X	Occupancy Sensors		X
HVAC				
Distribution	X			X
Controls		Separate Controls	X	
Specialized Exhaust	N/A			
Plumbing				
	X	Hot and Cold water	X	
Fire Systems				
	X			X
Other				
		Racks for equipment	X	

* Refer to SFO for additional description of building standard requirements

Test Fit – Lunch Room



Dean *JB*

Space and Adjacency Detail

Shared Administrative Areas

Room Data Sheet

Division: Shared Administrative Areas

Space Name: Lunch Room

<u>Requirement</u>	<u>Building Standard *</u>	<u>Other Than Building Standard</u>	<u>Tenant Improvement</u>	<u>Building Shell</u>
Architectural				
Floor Finish	VCT		X	
Ceiling Finish	Acoustical Tile			X
Wall Finish	Painted GWB		X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	Blinds		X	
Security				
Security	X		X	X
Electrical				
Electrical Power	X			X
Electrical Outlets		Add above-counter outlets	X	
		Connections for appliances	X	
Data/IT	N/A			
Communications	X		X	
Lighting FC	X			X
Lighting Controls	X	Occupancy Sensors		X
HVAC				
Distribution	X			X
Controls	X			X
Specialized Exhaust	N/A			
Plumbing				
	X	Connections for Sink, Dishwasher, Coffee Maker, and Refrigerator	X	
Fire Systems				
	X			X
Other				
		Counter with upper and lower cabinets	X	
		Appliances: Sink (hot & cold water), Dishwasher, Refrigerator and Freezer (full size), Microwave	X	

* Refer to SFO for additional description of building standard requirements

QJm JB

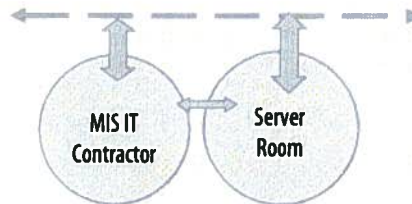
IT

As technology continues to advance, NOAA MOC-P has moved to a computer-based environment. While data was once collected and maps were once drawn by hand, NOAA MOC-P offices are now set up with computer work stations and programs. The server room includes a few computers that communicate with the ships and are monitored by staff. In addition, training is now computer based and can take place at the pier. The NOAA MOC-P facilities currently have wireless networking, although the ships are not connected via a wireless network for security reasons. The IT area can be incorporated into the administrative spaces.

Spatial Requirements

	Capacity	Quantity	Unit Net SF	Total Net SF
Office Spaces				
IT				
MIS IT Contractor with work bench	1	1	@ 120 nsf	120
Server Room with Storage	1	1	@ 120 nsf	120
<i>Subtotal IT</i>				240

Adjacency Diagram



ASym *JB*

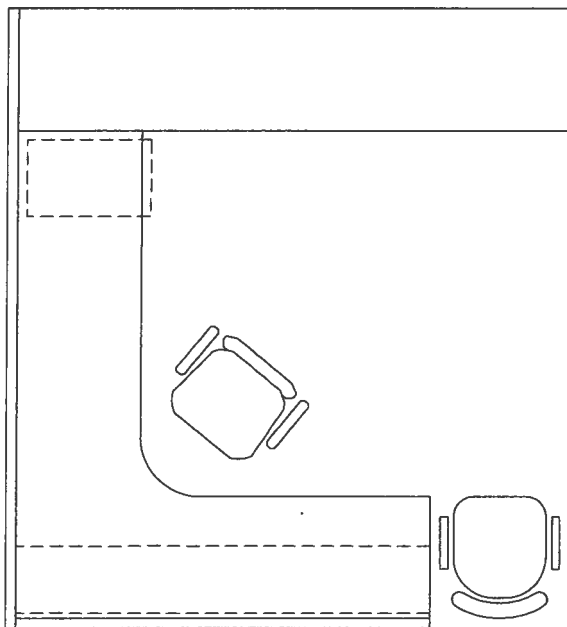
Space and Adjacency Detail

IT

Room Data Sheet – MIS IT Contractor Workstation

Refer to Building Standard Data Sheet

Test Fit – MIS IT Contractor Workstation



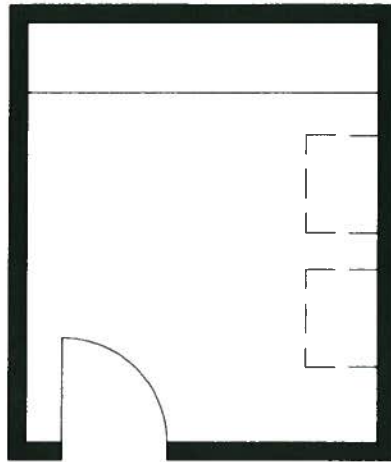
Furniture and Equipment – MIS IT Contractor Workstation

Qty	Type
1	Workstation/Desk
1	Desk Chair
1	Guest Chair
1	Under Desk File Cabinet
1	Workbench
TBD	Adjustable Shelves

*All furniture and equipment to be government issued, government installed.

DSM JB

Test Fit – Server Room with Storage



Space and Adjacency Detail

IT

Room Data Sheet

Division: IT

Space Name: Server Room

Requirement	Building Standard *	Other Than Building Standard	Tenant Improvement	Building Shell
Architectural				
Floor Finish	VCT or other non-conductive flooring		X	
Ceiling Finish	Acoustical Tile	Walls should extend above ceiling to structure above for security reasons		X
Wall Finish	Painted GWB		X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	Blinds		X	
Security				
Security	X	Card Key System	X	X
Electrical				
Electrical Power	X	Connect to Emer. Generator		X
Electrical Outlets	X		X	
Data/IT	X (not wireless)	Central place of connections for buildings and ships	X	
Communications	X	Teleconferencing	X	
Lighting FC	X			X
Lighting Controls	X	Occupancy Sensors		X
HVAC				
Distribution	X	Prevent leaks/ condensation on equipment		X
Controls	X	Supplemental Cooling	X	
		Separate Thermostat	X	
		Ability to operate off or on emergency generator		
Specialized Exhaust	N/A			
Plumbing				
	X	No piping overhead (prevent future leaks on equipment)	X	
Fire Systems				
		Waterless system; to be determined during design		X
Other				
		room accommodates computers for communication to ships, servers for specific functions, and serves as gateway to intranet		
			X	

* Refer to SFO for additional description of building standard requirements

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Health Services

The health services area provides physical exams and other services to NOAA MOC-P staff. The medical staff is prepared to mobilize to respond to emergencies on the premises. Doors and halls should accommodate an ambulance gurney in case of an emergency in one of the exam rooms. The clinic shall also include a small waiting/reception area, offices, an assessment room, workstation and secure file shelves for medical records. Lab and exam rooms require proximity to the unisex restroom and the Lab should have access to the Utility Room with 'Dirty' Sink. The clinic should be in close proximity to the Marine Personnel Branch and Training Room.

Spatial Requirements

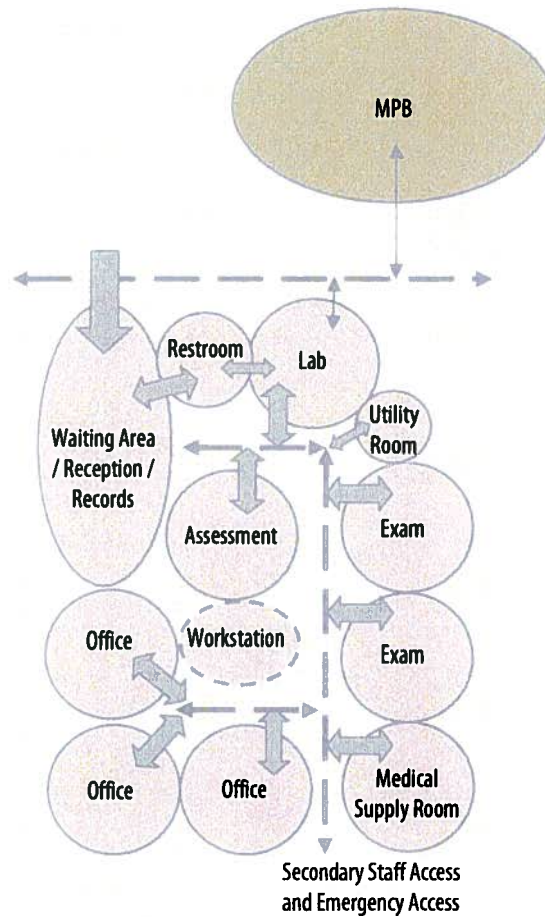
	Capacity	Quantity	Unit Net SF	Total Net SF
Health Services				
Exam Rooms	2	2	@ 80 nsf	160
Waiting Area/ Reception/ Records	2	1	@ 150 nsf	150
Offices	1	3	@ 120 nsf	360
Medical Supply Room	1	1	@ 64 nsf	64
Lab	1	1	@ 100 nsf	100
Utility Room with "Dirty" Sink	1	1	@ 36 nsf	36
Unisex Restroom	1	1	@ 64 nsf	64
Assessment	1	1	@ 100 nsf	100
<i>Subtotal Medical</i>				1,034



Space and Adjacency Detail

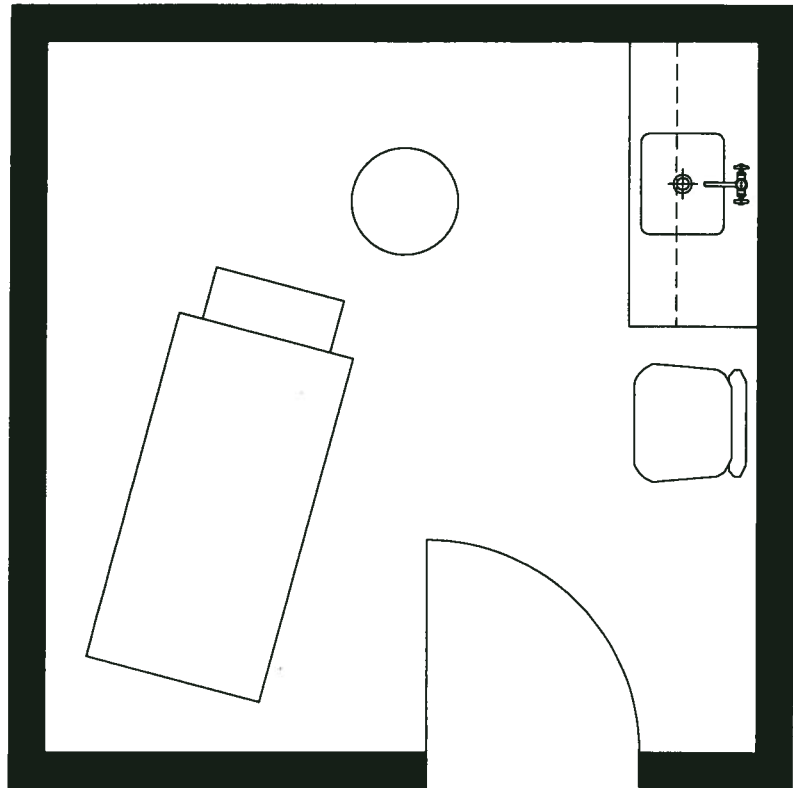
Health Services

Adjacency Diagrams



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Test Fit – Exam Rooms



@JMM JB

Space and Adjacency Detail

Health Services

Room Data Sheet

Division: Health Services

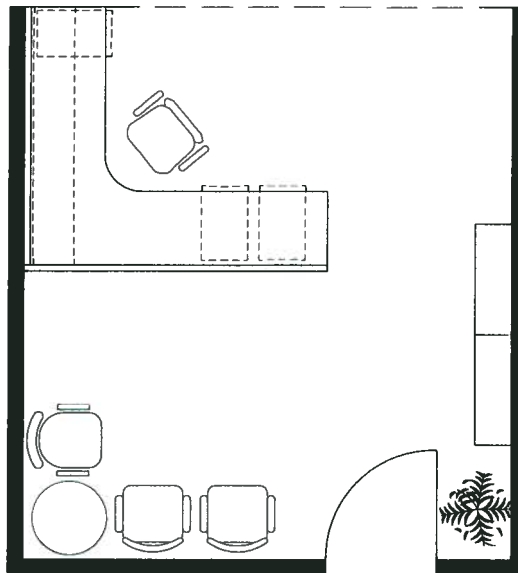
Space Name: Exam Rooms

Requirement	Building Standard *	Other Than Building Standard	Tenant Improvement	Building Shell
Architectural				
Floor Finish	VCT		X	
Ceiling Finish	Acoustical Tile			X
Wall Finish	Painted GWB		X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	Blinds		X	
Acoustical Privacy	X		X	
Security				
Security	X		X	X
Electrical				
Electrical Power	X			X
Electrical Outlets	X	Outlets required at/ near exam table	X	
Data/IT	X (not wireless)		X	
Communications	X		X	
Lighting FC	X			X
Lighting Controls	X	Occupancy Sensors		X
HVAC				
Distribution	X			X
Controls	X			X
Exhaust	N/A			X
Plumbing				
	X	Connections for sink	X	
		Hot and Cold Water		X
Fire Systems				
	X			X
Other				
		Cabinets with sink	X	
		Shelves	X	

* Refer to SFO for additional description of building standard requirements

Room Data Sheet – Medical Waiting Area/ Reception/ Records

Refer to Building Standard Data Sheet

Test Fit – Medical Waiting Area/Reception/Records**Furniture and Equipment – Medical Waiting Area/Reception/Records**

Qty	Type
1	Workstation/Desk
1	Desk Chair
3	Guest Chairs
3	Under Desk File Cabinet
1	Coffee Table
TBD	File Cabinets
TBD	Book Cases
TBD	Adjustable Shelves

*All furniture and equipment to be government issued, government installed.

DSM JB

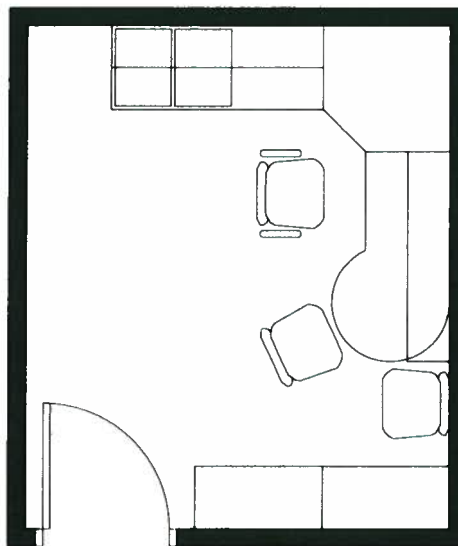
Space and Adjacency Detail

Health Services

Room Data Sheet – Medical Offices

Refer to Building Standard Data Sheet

Test Fit – Medical Offices



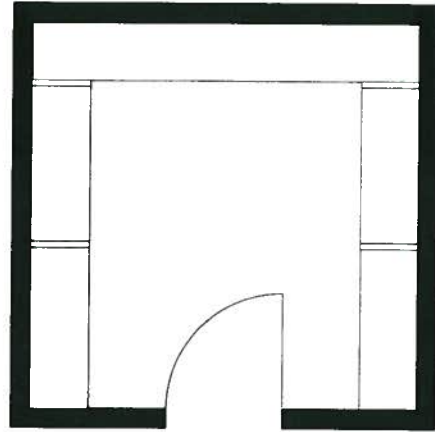
Furniture and Equipment – Medical Offices

Qty	Type
1	Workstation/Desk
1	Desk Chair
2	Guest Chairs
2	Under Desk File Cabinets
TBD	File Cabinets

*All furniture and equipment to be government issued, government installed.

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Test Fit – Medical Supply Room



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Space and Adjacency Detail

Health Services

Room Data Sheet

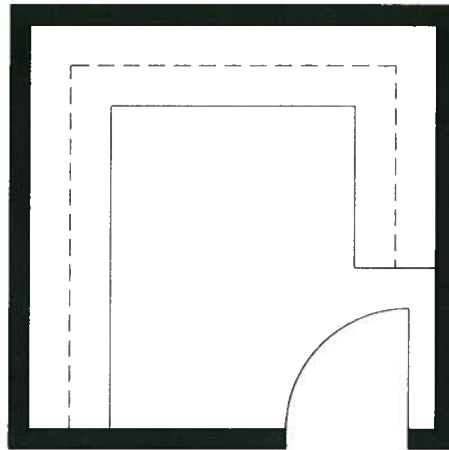
Division: Health Services
Space Name: Medical Assessment Room

<u>Requirement</u>	<u>Building Standard *</u>	<u>Other Than Building Standard</u>	<u>Tenant Improvement</u>	<u>Building Shell</u>
Architectural				
Floor Finish	VCT		X	
Ceiling Finish	Acoustical Tile			X
Wall Finish	Painted GWB		X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	Blinds		X	
Security				
Security	X		X	X
Electrical				
Electrical Power	X			X
Electrical Outlets	X		X	
Data/IT	X (not wireless)		X	
Communications	X		X	
Lighting FC	X			X
Lighting Controls	X	Occupancy Sensors		X
HVAC				
Distribution	X			X
Controls	X			X
Specialized Exhaust	N/A			
Plumbing				
	N/A			
Fire Systems				
	X			X
Other				

* Refer to SFO for additional description of building standard requirements

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Test Fit – Lab



Space and Adjacency Detail

Health Services

Room Data Sheet

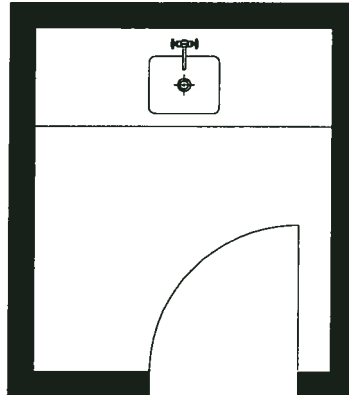
Division: Health Services

Space Name: Lab

Requirement	Building Standard *	Other Than Building Standard	Tenant Improvement	Building Shell
Architectural				
Floor Finish	VCT		X	
Ceiling Finish	Acoustical Tile			X
Wall Finish	Painted GWB		X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	Blinds		X	
Acoustical Privacy	X		X	
Security				
Security	X		X	X
Electrical				
Electrical Power	X			X
Electrical Outlets	X	Outlets required for equipment	X	
Data/IT	X (not wireless)		X	
Communications	X		X	
Lighting FC	X			X
Lighting Controls	X	Occupancy Sensors		X
HVAC				
Distribution	X			X
Controls	X			X
Exhaust	N/A			X
Plumbing				
	X	Required		X
		Hot and Cold Water		X
Fire Systems				
	X			X
Other				
		Cabinets with sink	X	
		Shelves	X	
		Specimen Door from Toilet	X	
		Eye Wash	X	
		Emergency Shower	X	

* Refer to SFO for additional description of building standard requirements

Test Fit – Utility Room with 'Dirty' Sink



Space and Adjacency Detail

Health Services

Room Data Sheet

Division: Health Services

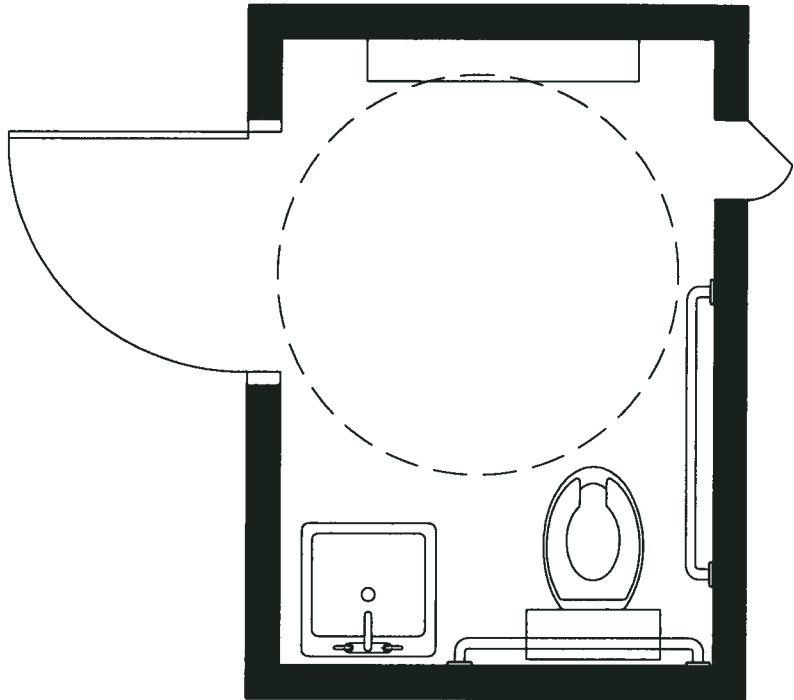
Space Name: Utility Room

<u>Requirement</u>	<u>Building Standard *</u>	<u>Other Than Building Standard</u>	<u>Tenant Improvement</u>	<u>Building Shell</u>
Architectural				
Floor Finish	VCT		X	
Ceiling Finish	Acoustical Tile			X
Wall Finish	Painted GWB		X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	Blinds		X	
Security				
Security	X		X	X
Electrical				
Electrical Power	X			
Electrical Power Outlets	N/A			
Data/IT	N/A		X	
Communications	N/A		X	
Lighting FC	X			X
Lighting Controls	X	Occupancy Sensors		X
HVAC				
Distribution	X			X
Controls	X			X
Exhaust	N/A			X
Plumbing				
	X	Connections for "dirty" sink Hot and Cold Water	X	
Fire Systems				
	X			X

Other

* Refer to SFO for additional description of building standard requirements

Test Fit – Unisex Restroom



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Space and Adjacency Detail

Health Services

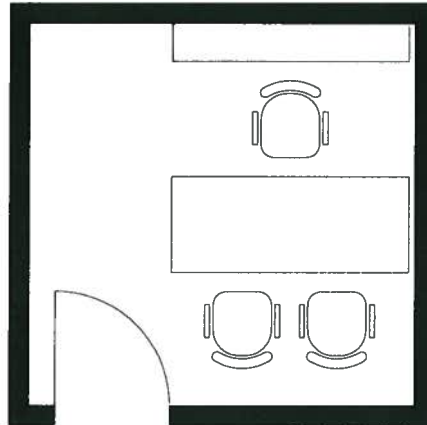
Room Data Sheet

Division: Health Services
Space Name: Unisex Restroom

Requirement	Building Standard *	Other Than Building Standard	Tenant Improvement	Building Shell
Architectural				
Floor Finish	VCT		X	
Ceiling Finish	Acoustical Tile			X
Wall Finish	Painted GWB		X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering		Frosted glazing if windows		X
Acoustical Privacy	X		X	
Security				
Security	X		X	X
Electrical				
Electrical Power	X			X
Electrical Power Outlets	N/A			
Data/IT	N/A			
Communications	N/A			
Lighting FC	X			X
Lighting Controls	X	Occupancy Sensors		X
HVAC				
Distribution	X			X
Controls	X			X
Exhaust	x			X
Plumbing				
	X	Connections for sink, water closet	X	
		Hot and Cold Water		X
Fire Systems				
	X			X
Other				
		Specimen door (to lab)	X	

* Refer to SFO for additional description of building standard requirements

Test Fit – Medical Assessment



Furniture and Equipment – Medical Assessment

Qty	Type
1	Desk
1	Desk Chair
2	Guest Chairs
TBD	Book Case

*All furniture and equipment to be government issued, government installed.

Space and Adjacency Detail

Room Data Sheet

Division: Health Services
Space Name: Medical Assessment Room

<u>Requirement</u>	<u>Building Standard *</u>	<u>Other Than Building Standard</u>	<u>Tenant Improvement</u>	<u>Building Shell</u>
Architectural				
Floor Finish	VCT		X	
Ceiling Finish	Acoustical Tile			X
Wall Finish	Painted GWB		X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	Blinds		X	
Security				
Security	X		X	X
Electrical				
Electrical Power	X			X
Electrical Outlets	X		X	
Data/IT	X (not wireless)		X	
Communications	X		X	
Lighting FC	X			X
Lighting Controls	X	Occupancy Sensors		X
HVAC				
Distribution	X			X
Controls	X			X
Specialized Exhaust	N/A			
Plumbing	N/A			
Fire Systems	X			X
Other				

* Refer to SFO for additional description of building standard requirements

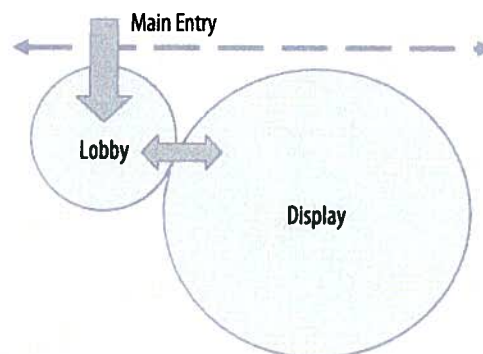
Museum/Archives

Tour groups and visitors will be brought through this area. The MOC-P has a collection of historically significant photographs, maps, and artifacts that should be displayed for visitors, educational tours, and training groups as well as the NOAA MOC-P staff. It is desirable that the totem pole, itself a historic artifact, at the existing MOC-P site could be moved to the new Operations Center and prominently displayed, visible from the museum, pier, and entry lobby to the administration building. The archives in the museum have special storage requirements because of their fragility and historic importance. Since the public will have access to the museum, it would be best if this space is separated from administrative, shop and warehouse areas.

Spatial Requirements

	Capacity	Quantity	Unit	Net SF	Total Net SF
Office Spaces					
Museum/ Archives					
Lobby	1	1	@ 100 nsf		100
Safe/ Vault for Archives	1	1	@ 60 nsf		60
Display	1	1	@ 540 nsf		540
Totem Pole with protective covering (outdoors)	1	1	@ 0 nsf		0
<i>Subtotal Museum/ Archives</i>					700

Adjacency Diagrams



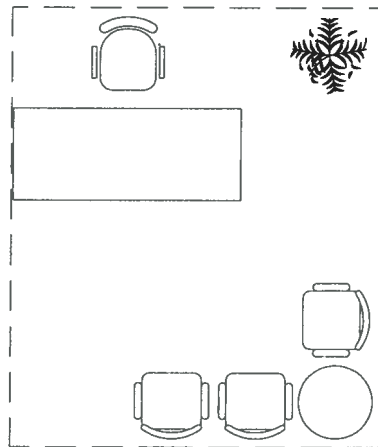
Space and Adjacency Detail

Museum/Archives

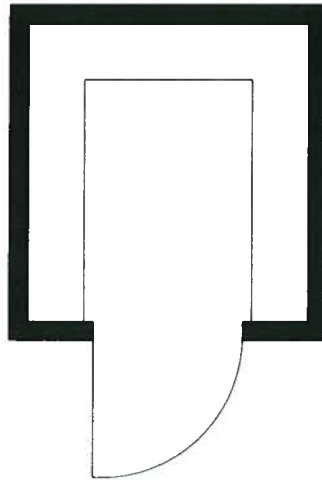
Room Data Sheet – Lobby

Refer to Building Standard Data Sheet

Test Fit – Lobby



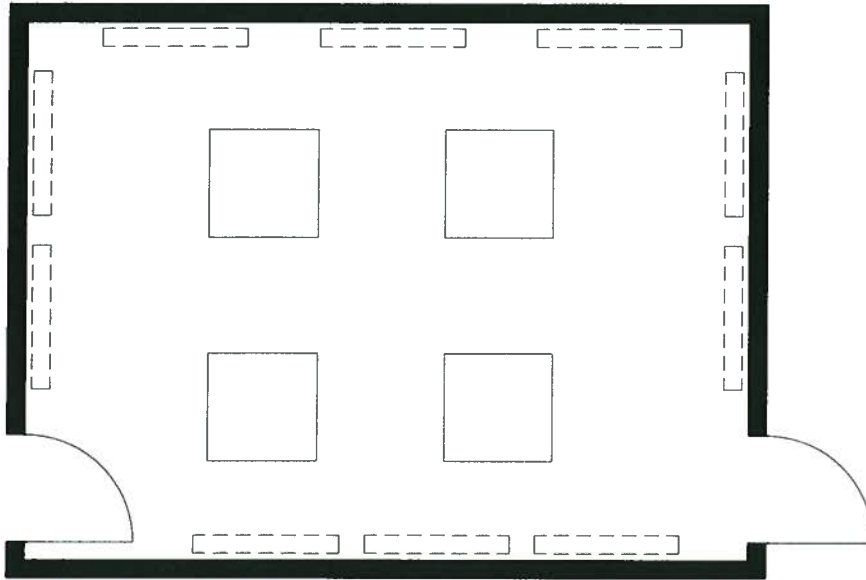
Test Fit – Safe/Vault for Archives



Space and Adjacency Detail

Museum/Archives

Test Fit – Display



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Room Data Sheet

Division: Museum/ Archives
 Space Name: Display

Requirement	Building Standard *	Other Than Building Standard	Tenant Improvement	Building Shell
Architectural				
Floor Finish	Carpet		X	
Ceiling Finish	Acoustical Tile			X
Wall Finish	Painted GWB		X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	Blinds		X	
Security				
Security		Access through receptionist	X	X
		Open to public during office hours		
		Security Alarms	X	
Electrical				
Electrical Power	X			X
Electrical Outlets	X		X	
Data/IT	X (not wireless)		X	
Communications	X		X	
Lighting FC	X	to be determined in design	X	X
Lighting Controls	X	Occupancy Sensors		X
		Separate Controls for Display Cases	X	
HVAC				
Distribution	X			X
Controls	X	Separate Thermostat	X	
Specialized Exhaust	N/A			
Plumbing				
	N/A			
Fire Systems				
	X	Waterless system, to be determined during design		X
Other				
		Built-in Display Cases, Shelving	X	
		Vault, estimated up to 300 pounds per SF floor load	X	

* Refer to SFO for additional description of building standard requirements

Shops Complex



Boat Shed

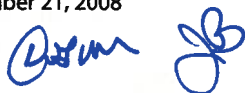
The boat shed provides storage for boats and everyday use by staff. Small boat repair happens here. Fork-lifts and cherry pickers require easy access to this space and shall be stored here. The boat shed could be located in the same building as the warehouse and should be accessible by water. This area will include compressed air and shall incorporate the steam boiler.

Spatial Requirements

	Capacity	Quantity	Unit	Net SF	Total Net SF
Shops Complex Spaces (includes maintenance shops, boat shed, and electronic shop/ lab)					
Boat Shed					
Boiler Shed	1	1	@ 50 nsf		50
Repair and Storage Space	1	1	@ 2,212 nsf		2,212
<i>Subtotal Other Program Support Space</i>					2,262

Furniture for Boat Shed to include:

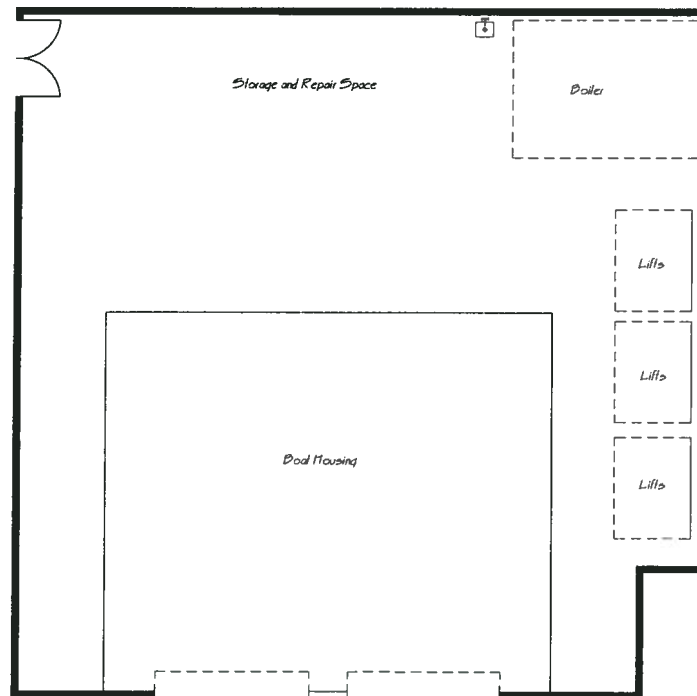
- Boiler
- Air compressor
- Filter crusher
- Sand blaster
- Pipe threader



Space and Adjacency Detail

Boat Shed

Test Fit – Boat Shed



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Room Data Sheet**Boat Shed****Division:** Boat Shed**Space Name:** Boat Shed

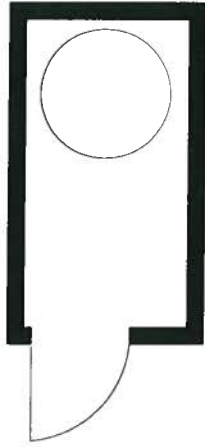
<u>Requirement</u>	<u>Building Standard *</u>	<u>Other Than Building Standard</u>	<u>Tenant Improvement</u>	<u>Building Shell</u>
Architectural				
Floor Finish	Sealed Concrete			X
Ceiling Finish	X			X
Min. Ceiling Height		18'		X
Wall Finish	X		X	
Base	X		X	
Doors and Hardware		(2) 12' x 16' Overhead Doors		X
Window Covering	N/A			
Security				
Security	X		X	X
Electrical				
Electrical Power	X	440, 3-Phase		X
	X	240/ 120 v		X
Electrical Outlets			X	
Data/IT	N/A		X	
Communications	X		X	
Lighting FC	Reference SFO section 8.19 Warehouse			X
Lighting Controls	X	Occupancy Sensors		X
HVAC				
Distribution	N/A	No A/C required		
Controls	N/A			
Specialized Exhaust		Ventilation system to remove carbon monoxide as boat motors are started in Boat Shed	X	
Plumbing				
		Connections for boiler	X	
		Connections for sink	X	
Fire Systems				
	X			X
Other				
		Utility sink	X	
		Boiler shed	X	

* Refer to SFO for additional description of building standard requirements

Space and Adjacency Detail

Boat Shed

Test Fit – Boiler Shed (as part of Boat Shed)



DM JB

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Space and Adjacency Detail

Electronic Engineering Branch Shop

Electronics Engineering Branch (EEB) Shop

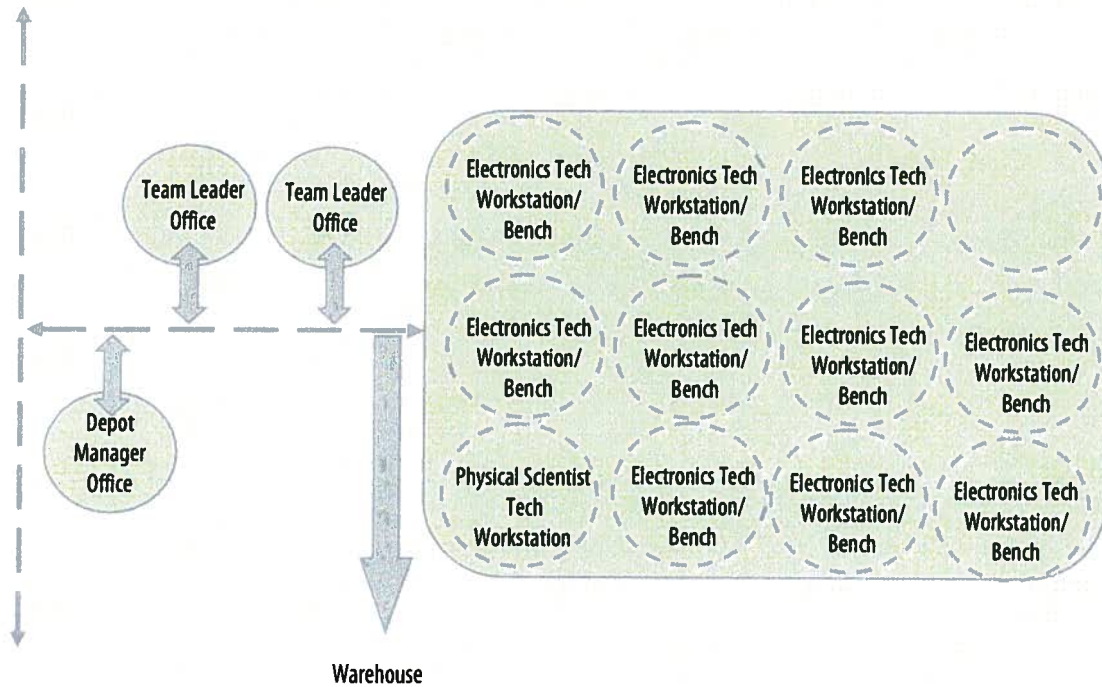
The Electronics Engineering Branch includes office areas as well as an Electronics Shop, where electronic equipment is repaired and assembled. Some offices will require privacy, while others will be open work stations. The engineering technician work spaces will include a desk space as well as work bench and storage. All work stations will require proximity to shop areas. The mock-up area requires work benches, while the secure storage space will be used for laptop computers, Deemed Export, and highly sensitive equipment.

Spatial Requirements

	Capacity	Quantity	Unit Net SF	Total Net SF
Shops Complex Spaces (includes maintenance shops, boat shed, and electronic shop/ lab)				
Electronics Engineering Branch (EEB) Shop				
Team Leader Office	1	2	@ 100 nsf	200
Depot Manager Office	1	1	@ 100 nsf	100
Electronics Tech Workstation & Bench (Used by 2 techs)	2	11	@ 182 nsf	2,002
<i>Subtotal Electronics Engineering Branch Shop</i>				2,302



Adjacency Diagram



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